



## MANUAL FOR:

**INDUSTRIAL EXPLOSION PROOF EXTRACTOR FAN 110V/240V~50Hz**

**Model No:** Olympus JetFlow OLY-CEX30/220/110

**Output:** 65m3/Min

**IMPORTANT:** PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.

Thank you for purchasing your Olympus JETFLOW EXPLOSION PROOF EXTRACTOR FAN product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.



Refer to  
Instructions



Indoor Use  
Only



IP55 Rated



CE Rated




ATEX Rated



## 1. SAFETY

### 1.1. ELECTRICAL SAFETY

- ☐ **WARNING!** It is the responsibility of the purchaser and the operator to read, understand and comply with the following:
- You must check all electrical products, before use, to ensure that they are safe. You must inspect power cables, plugs, sockets and any other connectors for wear or damage. You must ensure that the risk of electric shock is minimised by the installation of appropriate safety devices. A Residual Current Circuit Breaker (RCCB) or suitable should be incorporated in the main distribution board. It is recommended that a Residual Current Device (RCD) is used. It is important to use an RCD with portable products that are plugged into a supply that is not protected by an RCCB. If in any doubt consult a qualified electrician. You may obtain a Residual Current Device by contacting your JetFlow supplier for advice.
- You must also read and understand the following instructions concerning suitable electrical safety.
- 1.1.1. The Electricity at Work Act 1989 requires that portable electrical appliances, if used on business premises, are tested by a qualified electrician, using a Portable Appliance Tester (PAT), at least once a year.
- 1.1.2. The Health & Safety at Work Act 1974 makes owners of electrical appliances responsible for the safe condition of those appliances and the safety of the appliance operators. If in any doubt about electrical safety, contact a qualified electrician.
- 1.1.3. Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply. See 1.1.1. and 1.1.2. and use a Portable Appliance Tester.
- 1.1.4. Ensure that cables are always protected against short circuit and overload.
- 1.1.5. Regularly inspect power supply cables and plugs for wear or damage and check all connections to ensure that none are loose.
- 1.1.6. Important: Ensure that the voltage marked on the appliance matches the power supply to be used and that the plug is fitted with the correct fuse - see fuse rating at right.
- 1.1.7. **DO NOT** pull or carry the appliance by the power cable.
- 1.1.8. **DO NOT** pull the plug from the socket by the cable.
- 1.1.9. **DO NOT** use worn or damaged cables, plugs or connectors. Immediately have any faulty item repaired or replaced by a qualified electrician. When a BS 1363/A UK 3 pin plug is damaged, cut the cable just above the plug and dispose of the plug safely. Fit a new plug according to the following instructions (UK only).
- a) Connect the GREEN/YELLOW earth wire to the earth terminal 'E'.
- b) Connect the BROWN live wire to the live terminal 'L'.
- c) Connect the BLUE neutral wire to the neutral terminal 'N'.
- d) After wiring, check that there are no bare wires, that all wires have been correctly connected, that the cable outer insulation extends beyond the cable restraint and that the restraint is tight.
- Double insulated products, which are always marked with this symbol , are fitted with live (brown) and neutral (blue) wires only.
- DO NOT** connect either wire to the earth terminal.
- 1.1.10. **Products which require more than 13amps are supplied without a plug. In this case you must contact a qualified electrician to ensure that a suitably rated supply is available. We recommend that you discuss the installation of an industrial round pin plug and socket with your electrician.**
- 1.1.11. If an extension reel is used it should be as short as possible and fully unwound before connection. A reel with an RCD fitted is preferred since any appliance plugged into it will be protected. The cable core section is important and should be at suitable for this product and for others which may be used on the other output sockets, we recommend the use of a max 2.5mm<sup>2</sup> section cable.

THIS PRODUCT REQUIRES A UK 3 PIN 13A STYLE PLUG.

**IT IS RECOMMEND THAT YOU DISCUSS THE INSTALLATION OF THE PRODUCT IF YOU ARE UNSURE IN ANY WAY WITH A QUALIFIED ELECTRICIAN.**

RECOMMENDED

MAX FUSE RATING - 10A@240V~50Hz

### 1.2. GENERAL SAFETY

- ☐ **WARNING!** Disconnect the fan from the mains power supply, before servicing or performing any maintenance. Servicing or maintenance must only be carried out by an authorised service agent.
- ✓ Check that the fan is in sound condition and good working order. *Take immediate action to repair or replace damaged parts.*
- ✓ Use recommended parts only. *Unapproved parts may be dangerous and will invalidate the warranty.*
- ✓ Position the fan at least a minimum of 0.5mtr at the rear and sides, and 2mtr at the front, from any walls or objects. **WARNING!**
- ☐ **DO NOT** use for super heated vapour extraction.
- ✗ **DO NOT** obstruct the air inlet and outlet sections of the extractor.
- ✗ **DO NOT** cover the fan inlet or outlet.
- ✗ **DO NOT** operate the fan when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- ✗ **DO NOT** touch the inlet/outlet grill when the machine is on.
- ✗ **DO NOT** use the extractor fan for anything other than its intended purpose. It is designed to provide extraction/in-flow into enclosed areas, such as construction and industrial areas. It is not suitable for drying clothes or laundry.
- ✗ **DO NOT** place the fan close to a bath, wash basin, shower, swimming pool or any other water-filled area or wet surface.
- ✗ **DO NOT** use the fan in excessive wet areas or use in areas of high condensation.

- X **DO NOT** place the CEX extractor fan up against any surface such as a wall, door or furniture etc.
  - X **DO NOT** place this extractor fan immediately above or near a naked flame.
  - X **DO NOT** allow the power lead to touch the extractor fan surface or inlt or outlets.
  - X **DO NOT** attempt to repair a damaged extractor fan, contact an authorised service agent.
  - X **DO NOT** stand on the extractor fan.
  - X **DO NOT** connect the extractor fan to a timer device or other equipment that can automatically switch the fan on/off.
  - ✓ Only use the fan in an upright position.
  - ✓ Ensure that the fan is correctly turned off when not in use and store in a safe, dry, childproof location.
- NOTE:** This appliance cannot be used by those aged under 18 years or persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

## 2. INTRODUCTION

This model is designed for potentially explosive areas for ventilation, removing dust, fumes and to increase air circulation in or out of hazardous areas. This versatile and portable model offers the option to duct both sides of the extractor fan. Never remove any material from either inlet or outlet when the extractor fan is running. This range is IP55 rated, water projected against the enclosure from any direction will have no harmful effect. The OLY-CEX explosion proof fans are manufactured from quality materials and heavy gauge construction.

## 3. SPECIFICATION

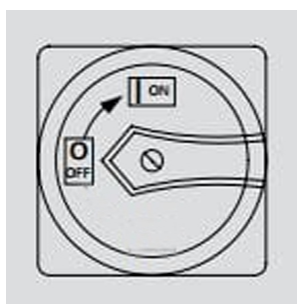
Model: .....**Olympus OLY-CEX30/220/110**  
 Voltage: .....110v/50Hz or 240v/50Hz  
 Power rating: .....500W  
 Fan Settings: .....On/Off  
 Dimensions (W x D x H): .....440 x 395 x 395mm  
 Fuse: .....10A

**IMPORTANT!** All OLY-CEX explosion proof fans have a single speed explosion proof motor that meets and conforms to all the standards that are needed for gases and vapors, acetone, ammonia, benzene, butane, propane, ethanol, gasoline fumes, hexane, methane, natural gas, naphtha, propane, carbonaceous dust, charcoal, coal, or coke dust, and dusts that have been sensitized by other materials so that they present an explosion hazard. The fan can also tolerate atmospheres containing combustible dusts including flour, grain, wood and plastic.

## 4. OPERATION

- 4.1. Position the extractor fan in an upright position on a firm surface and at a safe distance from any obstructions, flammable substances etc. Keep to a minimum of 0.5mtr clearance at the rear and sides, and 2mtr clearance at the front if not being used without ducting.
  - 4.2. Connect the extractor fan to a suitable mains supply.
  - 4.3. Set the switch dial to the **ON position (clockwise)**.
  - 4.4. The extractor fan will switch on when the power setting selector is set to the on power settings.
- NOTE:** It can take up to 30 seconds for the extractor fan to reach optimum speed when connected to ducting systems.
- 4.5. The extractor fan can be connected on both inlet and outlet with up to 10 Meters either side.  
 The extractor fan will continue to operate until the power switch is turned to the **OFF position (anti-clockwise)**
  - 4.6. The CEX extractor fan will operate and can be used without ducting.
  - 4.7. When not in use, disconnect the extractor fan from the mains supply. Store it in a safe, dry, childproof location.

## ROTARY SWITCH POSITIONS



## 5. MAINTENANCE

- ❑ **WARNING!** Before attempting any maintenance, ensure that the unit is unplugged from the mains power supply and the fan has stopped
- 5.1. Clean the extractor fan with a soft dry cloth only. **DO NOT** use abrasives or solvents.
  - 5.2. Periodically check the extractor fan grille to ensure that it is not blocked.
  - 5.3. No other maintenance is necessary. If a problem is experienced, or if the power lead or plug is damaged, contact your local authorised service agent for repair. **DO NOT** dismantle or tamper with the extractor fan as this may be dangerous and will invalidate the warranty.

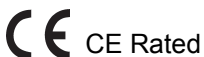


OLY-CEX30/220/110

## 6. WARRANTY

Your product is guaranteed for a period of 12 months from the date of purchase.

Please register your product warranty online at [www.orionairsales.co.uk](http://www.orionairsales.co.uk). Here you will find the Terms & Conditions of Warranty that apply to your product and an online registration form. Please retain your original receipt and all packaging as they will be required for a claim under warranty or if the product needs to be collected for repair.



CE Rated

**IMPORTANT:** No liability is accepted for incorrect use of this product.

Parts support is available for this product. To obtain a parts listing and/or diagram, please log on to [www.orionairsales.co.uk](http://www.orionairsales.co.uk), email [info@orionair.co.uk](mailto:info@orionair.co.uk) or telephone +44(0)845 5677080



### Environmental Protection

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment.

When the product becomes completely unserviceable and requires disposal, drain off any fluids (if applicable) into approved containers and dispose of the product and the fluids according to local regulations.

### WEEE Regulations

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.

**NOTE:** It is a Orion AC&R Ltd policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

**WARRANTY:** Guarantee is 12 months from purchase date, proof of which will be required for warranty to be validated.



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